

Project Description:

The Moonlight Road project includes construction of 1.5 miles of four-lane asphalt street (widening from two existing lanes to four lanes) with curb and gutter from approximately Buffalo Trail (south of Main and Moonlight intersection) to 555 feet north of 166th Street on Moonlight Road. Improvements also include installation of sidewalk, a 10' asphalt walking trail on the west side of Moonlight Road, median, street lights, landscaping, storm sewer installation, utility relocation, and site improvements.

Turn Lanes:

Two northbound thru lanes, a left turn lane, and a right turn lane will be constructed at the intersection of Main Street and Moonlight Road. Two southbound left turn lanes, a southbound thru lane, and a southbound thru lane/right turn lane will also be constructed on southbound Moonlight Road at this intersection.

Westbound U.S. Highway 56 will be constructed with two thru lanes, one left turn lane, and one right turn lane in each direction at the intersection of U.S. Highway 56 (Main Street) and Moonlight Road.

Median/Traffic Signals:

A median will be constructed south of the Main Street and Moonlight Road intersection, and north to just beyond Madison Street. Median breaks will be constructed on Moonlight Road at Lincoln Lane, the Dollar General Store, and Madison Street. Traffic signals will also be installed at the intersections of Main Street and Moonlight Road and Moonlight Road and Lincoln Lane.

Stormwater:

Stormwater for Moonlight Road north of Madison Street will be conveyed through a 60" pipe along the north side of Madison Street to the drainage way that runs through the Gardner Greenway. Stormwater for Moonlight Road south of Madison Street will be conveyed through a 60" to 72" pipe along Lincoln Lane to the drainage ditch located north/northwest of Lincoln Lane. Stormwater for Moonlight Road south of U.S. Highway 56/Main Street will be discharged into the BNSF right-of-way just east of Moonlight Road.

Construction Phasing:

In general, the contractor will be required to provide access at all times to local property and business owners and maintain two lanes of traffic on Moonlight Road at all times. Utility work, such as waterline relocation and storm sewer piping, will begin first. Following utility relocation, the contractor will construct a temporary two lane road on the west side of the existing Moonlight Road, and will then construct the two eastern lanes of Moonlight Road. After the two eastern lanes are constructed, traffic will be relocated to the east side of Moonlight Road while the western lanes are constructed.

The contractor will be required to coordinate with BNSF during construction since new railroad crossing planking and warning devices will be constructed with this project. After the streets are constructed, street lighting, pavement markings, completion of permanent traffic signals, and landscaping will be completed.

Funding:

Federal Highway Administration:	\$1,500,000
State of Kansas:	\$ 725,000
Johnson County CARS Program:	\$4,121,000
City of Gardner (KDOT revolving loan and excise taxes):	\$7,200,000